

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/786,015

DATE: 07/30/2001
TIME: 11:19:05

Input Set : A:\gje-59.txt
Output Set: N:\CRF3\07302001\I786015.raw

5 <110> APPLICANT: Peter Harrison
7 <120> TITLE OF INVENTION: High-Affinity Antibodies
9 <130> FILE REFERENCE: GJE-59
11 <140> CURRENT APPLICATION NUMBER: 09/786,015
C--> 13 <141> CURRENT FILING DATE: 2001-04-09
15 <160> NUMBER OF SEQ ID NOS: 4
17 <170> SOFTWARE: PatentIn Ver. 2.1
19 <210> SEQ ID NO: 1
21 <211> LENGTH: 363
23 <212> TYPE: DNA
25 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
30 <221> NAME/KEY: CDS
32 <222> LOCATION: (1)..(363)
34 <223> OTHER INFORMATION: Description of Artificial Sequence:Antibody Fragment
36 <400> SEQUENCE: 1
37 cag gtg cag ctg cag gag tcg gga ccc agc ctg gtg aag ccc tca cag 48
38 Gln Val Gln Leu Gln Glu Ser Gly Pro Ser Leu Val Lys Pro Ser Gln
39 1 5 10 15
41 acc ctc tcc ctc acc tgc acg gtc tct gga ttc tca tta acc aag tat 96
42 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Phe Ser Leu Thr Lys Tyr
43 20 25 30
45 ggt gtt agt tgg gtc cgc cag gct cca gga aag gcg ctt gag tgg cta 144
46 Gly Val Ser Trp Val Arg Gln Ala Pro Gly Lys Ala Leu Glu Trp Leu
47 35 40 45
51 ggt ggt gtg tcc agt ggt gca cta aca gcc tat aac aca gcc cta cag 192
52 Gly Gly Val Ser Ser Gly Ala Leu Thr Ala Tyr Asn Thr Ala Leu Gln
53 50 55 60
55 tcc cga ctc agc gtc acc agg gac acc tcc aag agc caa ttc tcc ctg 240
56 Ser Arg Leu Ser Val Thr Arg Asp Thr Ser Lys Ser Gln Phe Ser Leu
57 65 70 75 80
59 tca ctg agc agc gtg act act gag gac acg gcc att tac tac tgt gcg 288
60 Ser Leu Ser Ser Val Thr Thr Glu Asp Thr Ala Ile Tyr Tyr Cys Ala
61 85 90 95
65 aaa tct gtc aat ggt gac agt gtt cct tat ggt ttg gac tac tgg agc 336
66 Lys Ser Val Asn Gly Asp Ser Val Pro Tyr Gly Leu Asp Tyr Trp Ser
67 100 105 110
69 cca gga ctc cta ctc acc gtc tcc tca 363
70 Pro Gly Leu Leu Leu Thr Val Ser Ser
71 115 120
74 <210> SEQ ID NO: 2
75 <211> LENGTH: 121
76 <212> TYPE: PRT
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
81 <223> OTHER INFORMATION: Description of Artificial Sequence: Antibody
82 Fragment

ENTERED

P#9

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/786,015

DATE: 07/30/2001
TIME: 11:19:05

Input Set : A:\gje-59.txt
Output Set: N:\CRF3\07302001\I786015.raw

84 <400> SEQUENCE: 2
 85 Gln Val Gln Leu Gln Glu Ser Gly Pro Ser Leu Val Lys Pro Ser Gln
 86 1 5 10 15
 88 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Phe Ser Leu Thr Lys Tyr
 89 20 25 30
 91 Gly Val Ser Trp Val Arg Gln Ala Pro Gly Lys Ala Leu Glu Trp Leu
 92 35 40 45
 94 Gly Gly Val Ser Ser Gly Ala Leu Thr Ala Tyr Asn Thr Ala Leu Gln
 95 50 55 60
 97 Ser Arg Leu Ser Val Thr Arg Asp Thr Ser Lys Ser Gln Phe Ser Leu
 98 65 70 75 80
 100 Ser Leu Ser Ser Val Thr Thr Glu Asp Thr Ala Ile Tyr Tyr Cys Ala
 101 85 90 95
 103 Lys Ser Val Asn Gly Asp Ser Val Pro Tyr Gly Leu Asp Tyr Trp Ser
 104 100 105 110
 106 Pro Gly Leu Leu Leu Thr Val Ser Ser
 107 115 120
 109 <210> SEQ ID NO: 3
 111 <211> LENGTH: 333
 113 <212> TYPE: DNA
 115 <213> ORGANISM: Artificial Sequence
 118 <220> FEATURE:
 120 <221> NAME/KEY: CDS
 122 <222> LOCATION: (1)..(333)
 124 <223> OTHER INFORMATION: Description of Artificial sequence: Antibody Fragment
 126 <400> SEQUENCE: 3
 127 cag gat gtg ctg act cag ccg tcc tcc gtg tct ggg tcc ctg ggc cag 48
 128 Gln Asp Val Leu Thr Gln Pro Ser Ser Val Ser Gly Ser Leu Gly Gln
 129 1 5 10 15
 131 agg gtc tcc atc acc tgc tct gga agc agc agc aac att gga ggt aat 96
 132 Arg Val Ser Ile Thr Cys Ser Gly Ser Ser Asn Ile Gly Gly Asn
 133 20 25 30
 135 gct tat gtg ggc tgg tac caa cag gtc cca gga tca gcc ccc aga ctc 144
 136 Ala Tyr Val Gly Trp Tyr Gln Gln Val Pro Gly Ser Ala Pro Arg Leu
 137 35 40 45
 139 ctc atc agt gct aca acc gat cga gcc tcg ggg atc ccc gac cga ttc 192
 140 Leu Ile Ser Ala Thr Thr Asp Arg Ala Ser Gly Ile Pro Asp Arg Phe
 141 50 55 60
 143 tcc ggc tcc agg tct ggg aac aca gcc acc ctg acc atc agc tcg ctc 240
 144 Ser Gly Ser Arg Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser Ser Leu
 145 65 70 75 80
 147 cag gct gag gac gag gcc gat tat tac tgt gca tcg tat caa agt act 288
 148 Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Ala Ser Tyr Gln Ser Thr
 149 85 90 95
 151 tac agt ggt gtt ttc ggc agc ggg acc agg ctg acc gtc ctg ggt 333
 152 Tyr Ser Gly Val Phe Gly Ser Gly Thr Arg Leu Thr Val Leu Gly
 153 100 105 110
 155 <210> SEQ ID NO: 4
 157 <211> LENGTH: 111

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/786,015

DATE: 07/30/2001
TIME: 11:19:05

Input Set : A:\gje-59.txt
Output Set: N:\CRF3\07302001\I786015.raw

159 <212> TYPE: PRT
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
165 <223> OTHER INFORMATION: Description of Artificial Sequence: Antibody
167 <400> SEQUENCE: 4
168 Gln Asp Val Leu Thr Gln Pro Ser Ser Val Ser Gly Ser Leu Gly Gln
169 1 5 10 15
171 Arg Val Ser Ile Thr Cys Ser Gly Ser Ser Asn Ile Gly Gly Asn
172 20 25 30
174 Ala Tyr Val Gly Trp Tyr Gln Gln Val Pro Gly Ser Ala Pro Arg Leu
175 35 40 45
177 Leu Ile Ser Ala Thr Thr Asp Arg Ala Ser Gly Ile Pro Asp Arg Phe
178 50 55 60
180 Ser Gly Ser Arg Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser Ser Leu
181 65 70 75 80
183 Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Ala Ser Tyr Gln Ser Thr
184 85 90 95
186 Tyr Ser Gly Val Phe Gly Ser Gly Thr Arg Leu Thr Val Leu Gly
187 100 105 110

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/786,015

DATE: 07/30/2001
TIME: 11:19:06

Input Set : A:\gje-59.txt
Output Set: N:\CRF3\07302001\I786015.raw

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date